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IN THE CLAIMS:

Please reconsider the claims as follows:

1. (Previously Presented) A method for thwarting coordinated SYN denial of service (CSDoS) attacks against a server S disposed in a network of interconnected elements communicating using the TCP protocol, comprising the steps of

controlling a network switch to divert a predetermined fraction of SYN packets destined for said server, to a web guard processor,

establishing a first TCP connection between one or more clients originating said packets and said web guard processor, and a second TCP connection between said web guard processor and said server, so that packets can be transmitted between said one or more clients and said server,

monitoring the number of timed-out connections between said web guard processor and said one or more clients,

if the number of timed-out connections between said web guard processor and said one or more clients exceeds a first predetermined threshold, controlling said switch to divert all SYN packets destined to said server to said web guard processor.

2. (Previously Presented) The method of claim 1 further comprising the step of generating an alarm indicating that said server is likely to be under attack.

3. (Previously Presented) The method of claim 1 including the further steps of determining if the number of timed-out connections between said web guard processor and said clients exceeds a second predetermined threshold, and

if so, controlling said switch to delete all SYN packets destined for said server.

4. (Previously Presented) The method of claim 3 further comprising the step of generating an alarm indicating that said server is under attack.

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5. (Original) The method of claim 1 further including the step of notifying said server that it is under attack.

6. (Original) The method of claim 1 further including the step of notifying other web guard processors in said network that said server is under attack.

7. (Previously Presented) A method for thwarting coordinated SYN denial of service (CSDoS) attacks against a server disposed in a network of interconnected elements communicating using the TCP protocol, the attack originating from a host generating SYN packets destined for the server, said method comprising:

arranging a switch receiving the SYN packets destined to the server to forward the SYN packets to a TCP proxy arranged to operate without an associated cache,

for each SYN packet, sending a SYN/ACK packet from the TCP proxy to a sender address included in the SYN packet by the host;

establishing a TCP connection, corresponding to a particular SYN packet of the SYN packets, between the TCP proxy and the server only if the TCP proxy receives a response from the host to the SYN/ACK packet corresponding to the particular SYN packet.

8. (Previously Presented) A method for thwarting coordinated SYN denial of service (CSDoS) attacks against a server disposed in a network of interconnected elements communicating using the TCP protocol, comprising:

forwarding a statistical sampling of packets from a switch in the network to a processor,

if packets in the sampling indicate an attack against the server, altering the operation of the switch to forward all packets destined for the server to the processor.

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9. (Previously Presented) The method of claim 8 wherein the switch is arranged to discard packets in the event an attack is detected.

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